

Design for 90

Purpose

90 percent of the world’s designers design for just 10 percent of the world’s population leaving the other 90 percent out of the many benefits of human centric design. Design for 90 is a group of passionate students who aim to design for that other 90 percent. The group works with community partners to design and create products for typically under-served populations in our society such as people with disabilities, people who are homeless etc.

Impact

At Design for 90, students have a valuable opportunity to take the technical knowledge they gain in the classroom and apply it to real world projects, which have the potential to have major impacts on society.

They get to utilize university resources and develop their technical, leadership and management skills. They also learn the importance of humanitarianism and social justice in our society.

The group’s first project was to develop an adapted feeding utensil for a resident at the Heinzerling Memorial Foundation with Cornelia de Lange Syndrome (CdLS). The syndrome

Ohio State Colleges/Units Involved
College of Engineering
Department of Engineering Education
Humanitarian Engineering Scholars

Community Partners Involved
Heinzerling Foundation

caused the resident to have arms which end at the elbows. The group has finished its prototype for the resident and it is currently being tested.



How you can get involved:

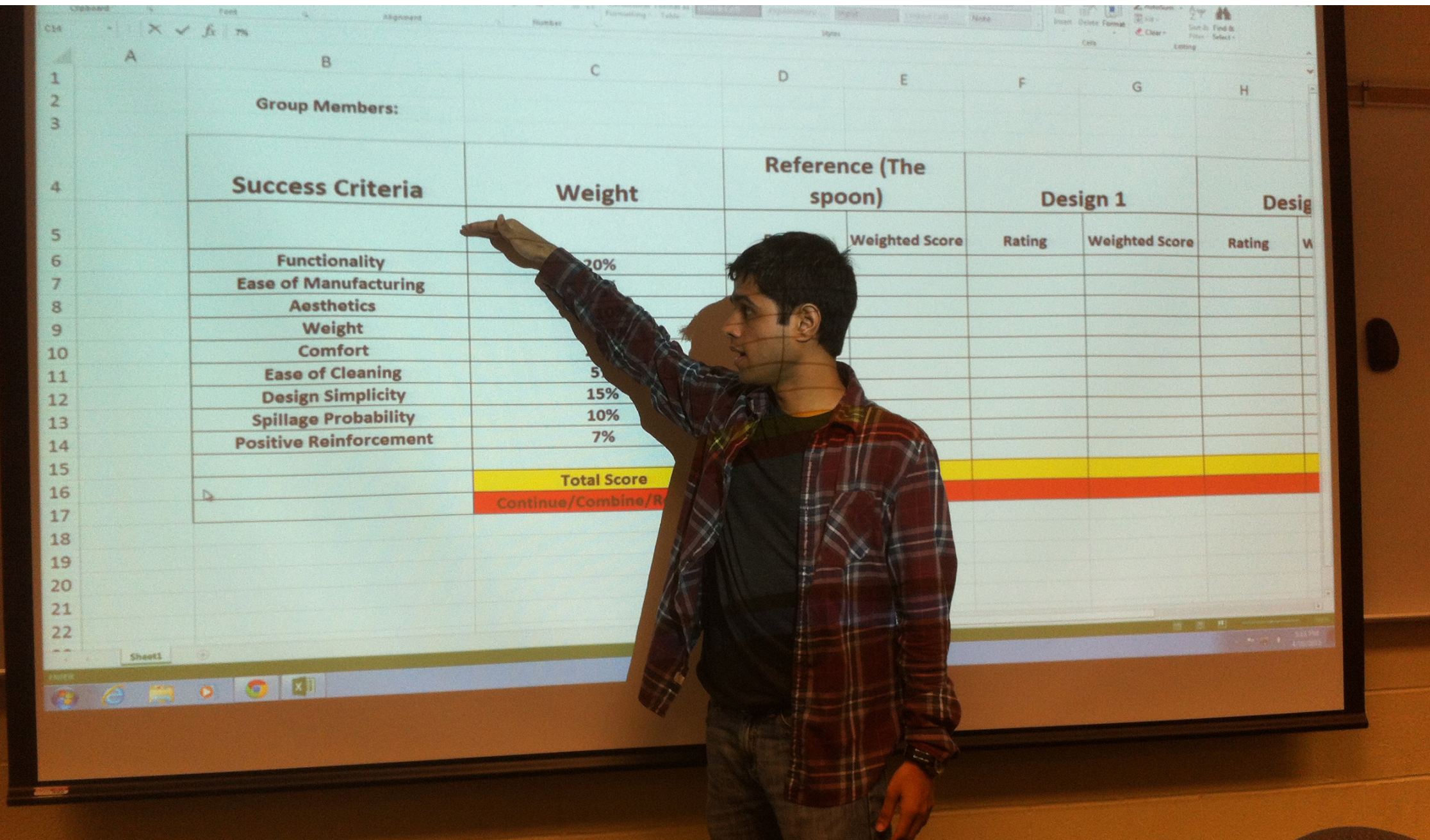
- Help us fund our future projects
- Let us know of potential future projects for us to work on
- Come talk to our students
- Support our community partners

To get involved, contact:

Adithya Jayakumar
Project Mentor
Design for 90
Ph.D. Student
Electrical and Computer Engineering
jayakumar.5@osu.edu
designfor90.engineering.osu.edu



THE OHIO STATE
UNIVERSITY



Group Members:					
Success Criteria	Weight	Reference (The spoon)		Design 1	
		Weighted Score	Rating	Weighted Score	Rating
Functionality	20%				
Ease of Manufacturing					
Aesthetics					
Weight					
Comfort					
Ease of Cleaning	5%				
Design Simplicity	15%				
Spillage Probability	10%				
Positive Reinforcement	7%				
Total Score					
Continue/Combine/Reject					